



Way of Life!

Service Bulletin

Bulletin Number: AS29-08

Date: 07/23/08

Page: 1 of 5

Subject: Transfer Case Fluid Leak
Affected Models: 2007 XL7 (JC636)

Read & Initial

Manager _____

Parts _____

Service _____

CONDITION

Automatic transmission fluid leaking from transfer case weep hole after vehicle sits overnight in temperatures colder than -10° C.

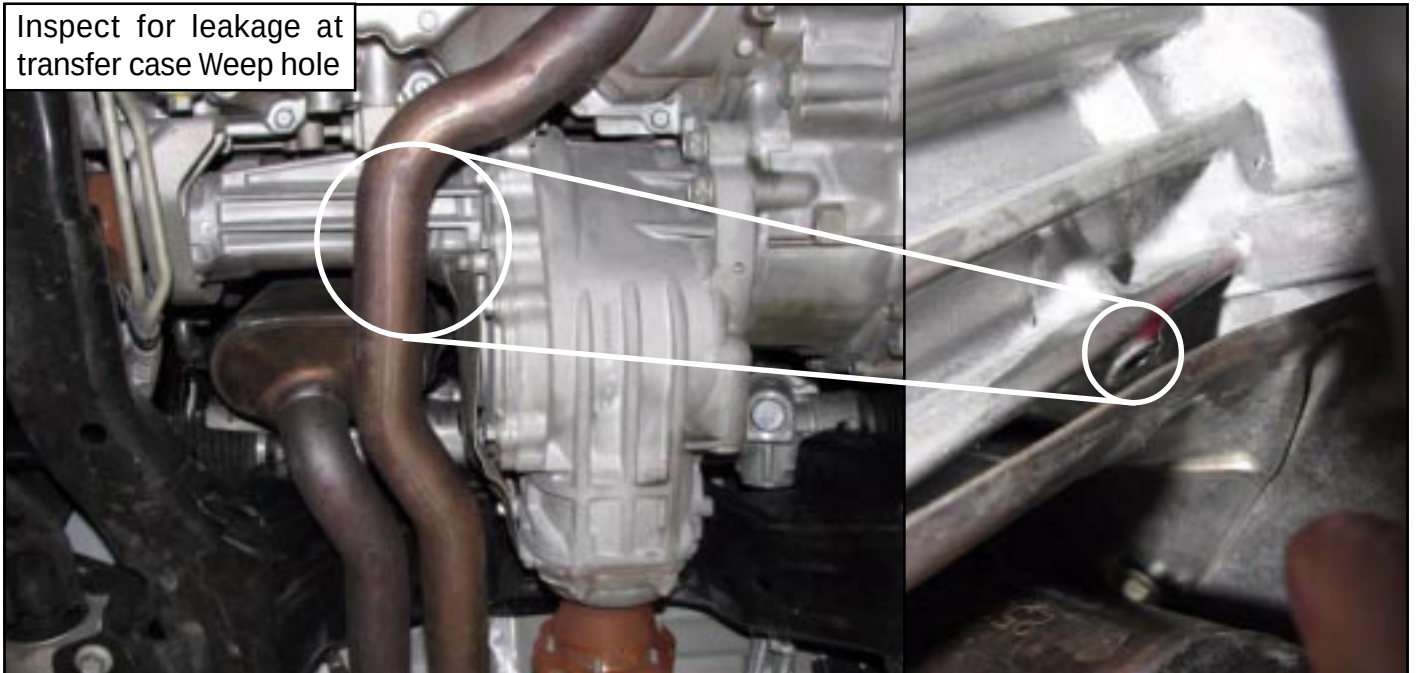
CAUSE

Transfer case intermediate shaft seal is leaking.

CORRECTION

Raise the vehicle on a lift to inspect the transfer case weep hole for signs of automatic transmission fluid (red) leakage. If leakage is found, replace the intermediate shaft seal with the late type seal. Follow the procedures described in the "Transfer Case Replacement", "Transfer Case Disassemble", "Front Drive Seal Replacement" and "Transfer Case Assemble" sections of the 2007 XL7 (JC636) Service Manual and the "Seal Installation Tips" in this Service Bulletin. If no leakage is found at the weep hole, this bulletin does not apply.

Inspect for leakage at transfer case Weep hole



PARTS INFORMATION

A late type transfer case intermediate seal (27813-78J02) is required to complete the repair. The late type seal can be identified by its green colour. Early seals were blue or yellow. A transfer case seal (29529-78J00) may be required if it becomes damaged while completing the repair.

Qty.	Description	Part Number	Note
1	Transfer case intermediate seal	27813-78J02	Green in colour
1	Transfer case seal	29529-78J00	Required if damaged during repair

SPECIAL TOOL REQUIREMENTS

It is important that the seal installer and seal protector tools as specified in the Service Manual are used to properly complete the repair. Do not attempt the repair without these tools. Three methods are available to obtain these tools.

1. Order from SPX through the web site (<http://www.spxkentmoore.com/>), by phone (1-800-345-2233), or by fax (1-800-578-7375).
2. Order from Suzuki Canada Inc. according to your normal parts ordering procedure.
3. Rent a Transfer Seal Installer Set (09907-48094-SET) according to the Rental Tool Program Procedure on page 5 of this bulletin.

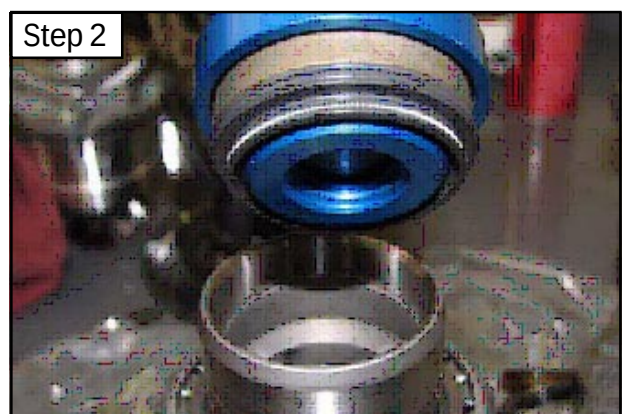
Qty.	SPX Part Number	Suzuki Part Number	Description	Illustration
1	DT-48078	09907-48078	Inner drive shaft seal installer	
1	J-8092	09907-J8092	Drive handle	
1	DT-48094	09907-48094	Inner drive shaft seal protector	

SEAL INSTALLATION TIPS

1. Install the new seal to the installer tool.



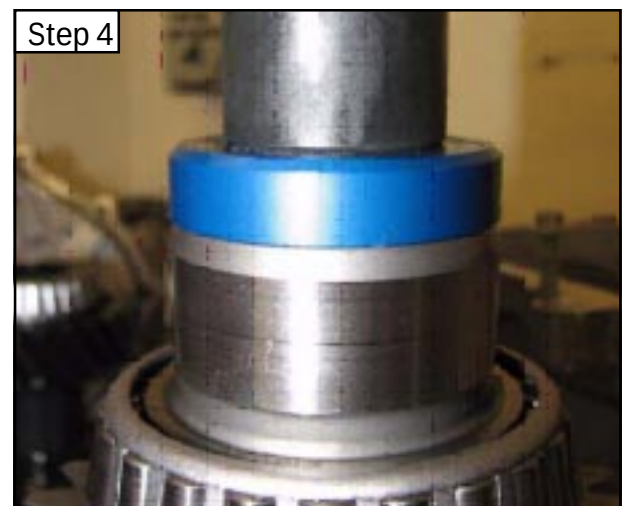
2. Place the seal and installer over the input shaft.



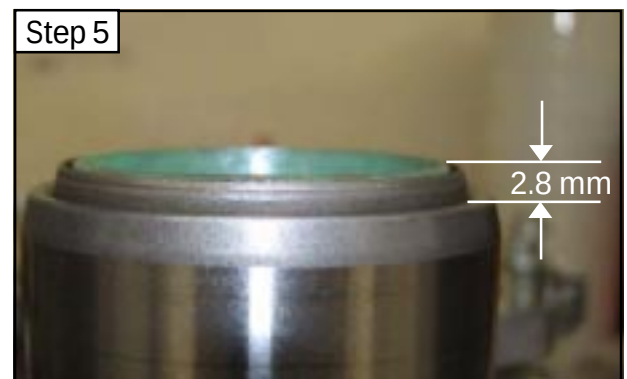
3. Drive the seal straight down into the input shaft.



4. Stop driving when the seal installer tool comes into contact with the edge of the input shaft.



5. Confirm that the seal is correctly installed. A correctly installed seal will extend 2.8 mm upward around the entire circumference of the input shaft.



WARRANTY CLAIM INFORMATION

Submit a claim on SuzukiVision eCentre, entering customer information, vehicle information and the following specific information.

Claim Type Regular
Complaint Code 72
Defect Code 45
Time 5.6 (hrs)
Causal Part Number 27813-78J02
Quantity 1
Description Transfer case intermediate seal
Labour Operation GN03R2
Trouble Description Fluid leak from transfer case weep hole. Replace transfer case intermediate seal per AS29-08.

Service Department
Suzuki Canada Inc.

PARTS CREDIT REQUEST FORM

REFERENCE NUMBER	D					
ENTER LAST 5 DIGITS OF SO NUMBER						

DEALER CODE

DEALER NAME

Reason for return or credit request

☒ XL7 Transfer Seal Installer Tool Set rental return

/

Dealer Signature Date MM/DD/YY

PLEASE READ CAREFULLY

- Complete all boxes indicated in red.
- In the Reference Number box, enter the last 5 digits of the SO number from the Parts Packing Slip for the XL7 Transfer Seal Installer Set

Date Received	SCI Ref No.
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P/C	WHSE	LINE	HASH	ORIG. INVOICE	FREIGHT	HAND%	MISC. AMOUNT	MISC. A/C

ITEM NO.	PART NUMBER	DESCRIPTION	QTY	INVOICE NO.	REMARKS
1	09907-48094-SET	Transfer Seal Installer Set	1		

Suzuki Comments

10% restocking/rental fee

Authorized by SCI Parts Manager _____ Authorized Date _____

RENTAL TOOL PROGRAM PROCEDURE

1. If you would like to take advantage of the Transfer Seal Installer Set Tool Rental Program, order part number **09907-48094-SET** according to your normal parts ordering procedure. The tool set includes one of each of the following tools:
 - 09907-48078 Inner drive shaft seal installer
 - 09907-J8092 Drive handle
 - 09907-48094 Inner drive shaft seal protector
2. Repair the vehicle, then return the tool set by prepaid freight along with a completed copy of this form within 14 days of SO date. Tool sets that are damaged or NOT returned within 14 days of the SO date are not eligible for rental return refund.
3. Upon receipt of the returned tool set at SCI, your account will credited dealer net less a 10% restocking/rental fee.